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Office Memorandum • UNITED STATES GOVERNMENT

TO : Chief, Contracts Staff, DPD-DD/P

DATE: 21 March 1962

FROM : Chief, Administrative Staff, NPIC

SUBJECT: Contract for Extension of Spatial Filtering Development
for Image Enhancement ViewerREF: Itek Corp. (ITL) proposal 3326.01 dated 24 Aug 61, and
amendment thereto dated 6 Oct 61TO 4
BB-425
Group

1. It is requested that a contract be negotiated for the Extension of Spatial Filtering Development to the NPIC Image Enhancement Viewer. Since the original proposal was amended, in order to avoid any misunderstanding of the work we expect to be performed the scope of work of the contract should be as follows:

Phase I

- (1) Design and construct a modification on the viewing equipment to include variable magnification, finer focusing adjustment, mensuration of the aerial image and simplified photography of the normal sized and enlarged images:
 - a. Install ZOOM 1-25X Magnification.
 - b. Mensuration of images in X and Y, with provision for angular mensuration.
 - c. Improved recording camera.
- (2) Develop mechanical methods of filter production.
- (3) Report the results of para (2) above, verbally and by written report.
- (4) Conduct a quantitative evaluation of the sharp cut-off filters presently installed to determine effective usefulness. Include recommendations regarding their intention.
- (5) Monthly progress reports.

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for Image Enhancement Viewer (Cont'd)

Phase II

- (1) Based on the report of para (3) Phase I, construct and install a set of attenuating filters.
- (2) Provide a means of filter performance evaluation.
- (3) Evaluate systems performance on a quantitative basis and clearly specify system limitations.
- (4) Monthly progress reports.
- (5) Prepare an operating manual. This would include filter performance criteria and incorporate the findings of para (2) Phase II.

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2. Based on the cost estimate contained in the amended proposal dated 6 October 1961 an obligation in the amount of [] has been established against NPIC account 2155-1010-7000-730, Obligation Reference No. 10. It is requested that [] be notified of the actual negotiated amount. It is further requested that the aforementioned account number and obligation reference number be cited on all documents transferring expenditures incidental to this request to NPIC.

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3. Your assistance in this matter will be appreciated.

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cc: []